STREET LAMPS.—Sir: Might not an important improvement be effected, in the lighting of our streets, if the angular upper part of our gas lamps were made of looking-glass, or of some other reflecting surface, by which the light might be thrown down, instead of being wasted upwards as at present.—J. ROBB.

NOTICES OF CONTRACTS, &c.

THE authorities of the Stamp Office having given us notice to discontinue the insertion of our list of contracts, &c., excepting as advertisements, we, in deference to their wishes, omit them for the present, but have taken steps to place the facts of the case properly before them, and, as we hope, remove their objections. In the meantime a list may be seen at our office.

TO CORRESPONDENTS.

"*External Colouring for Old Buildings.*" — Mode of making a permanent colouring seems a desideratum.

"*A Lady.*" —The term "properly throated" (not a common expression), would imply properly gathering in the square mouth of the flue, to prevent the smoke from hanging there.

"*W. L.*"—No license is necessary for a measurer of land. A license to value may be obtained at Somerset House.

"*Polytechnicus.*"—The *Revue Generale de l'Architecture*, &c., was a periodical work, and has not been translated as a whole.

"*A. J. G.*"—Thanks.

"*H. Morrell*"—shall have our opinion when we have tried them.

"*Sassenach.*"—Apply to the director, Mr. Wilson.

"*Constant Reader.*"—We cannot assist him in finding work abroad.

"*H. L.*"—We have lost sight of the party named.

"*W. V.*"—Mr. B. is liable for the fees.

"*Full of Stones, Brompton.*"—We cannot insert *anonymous* abuse.

"*J. D. C.*"—Write to Mr. Wright, Hanwell Brickfield.

"*R. S.*"—We shall be happy to look at the drawings if left for us, and will return them safely.

"*Architectural Chemistry.*"—The lectures were not published.

"*R. A. H.*"—"A window lighting a room from a staircase skylight," is liable for duty.

Received —"X. Z. X.," "Plumbago," "Ponto," "A Subscriber," "*Amateur*," "E. H. M.," "J. G. Swindell," "L. H. I.," "Literary and Scientific Register and Almanac" for 1847. By Mr. Gutch (Longman). Silesch's Metallic Piano. Invitation to Mrs. Severn's Concert, to take place on the 3rd December.

"*Books and Addresses.*"—We have not time to point out books or find addresses.

ERRATUM.—The illustration of Sicilian Architecture, in the last number, should have been headed "Doorway at LANDRIA in GIRGENTI," instead of Lagabia, Gargenti.

TO PROVINCIAL READERS.—In reply to complaints of the irregular delivery of THE BUILDER in provincial towns, we beg leave to state that it is invariably published by seven o'clock on Friday morning; and that the irregularity complained of rests entirely with the parties through whom it is obtained.

ADVERTISEMENTS.

ROYAL POLYTECHNIC INSTITUTION. By Permission.—Professor SCHONBEIN'S GUN COTTON, differing from all other specimens recently before the Public, is lectured on, with other Explosive Compounds, by Dr. Ryan, daily at half-past Three, and on the Evenings of Mondays, Wednesdays, and Fridays. The principal of the Electric Telegraph demonstrated by Professor Bachhoffner. The Oxyhydrogen and Opaque Microscopes, the Physioscope, Diving Experiments, the Dissolving Views, by Charles Smith, &c., &c.—Admission, 1s.; Schools, Half-price.

TO BUILDERS, PAINTERS, AND OTHERS.

MESSRS. WOOD and Co., GRAINERS and WRITERS to the Trade only, 62, WATERLOO-BRIDGE ROAD. An Apprentice wanted.

TO ARCHITECTS, BUILDERS, &c.

GAS LAMPS, GAS BRACKETS, GAS PILLARS, BURNERS, &c. &c. In calling the attention of architects, builders, &c., to their assortment of Gas Furniture in general, C. DEBAUFER and SON respectfully announce they continue to fit up premises of every description on the most approved, and newest system of gas fitting. An experience of forty years justifies us in making the above assertion.—P.S. Country orders attended to with dispatch.—10 and 11, Creed-lane, St. Paul's.

IMPORTANT TO ARCHITECTS, BUILDERS, AND CABINET MAKERS.

LEA'S PATENT DOUBLE-ACTION BOLT, combining Cheapness, Facility of Action, and Security; adapted for the Strongest Folding-doors as well as the most Elegant Cheffonier.

Agent, E. FARRS, 140, Fleet-street.

Best Patent Cut Clasp.

6d.	7d.	8d.	1s.	1s. 6d.	2s. 3d.
3d.	4d.	6d.	8d.	10d.	20d.

Best Patent Sash Line.

4s. 3d.	5s.	6s. 6d.	7s. 6d.	10s.	12s.
1	2	3	4	5	6

Every description of Ironmongery equally low.

WORCESTER ENCAUSTIC TILES. Specimens of these beautiful Tiles in all their Varieties, may be seen and information obtained at the London Agents, Messrs. GRIEVE and GRELLIER, Marble-wharf, Belvedere-road, Waterloo-bridge, or at the Encaustic Tile Works, of Messrs. F. ST. JOHN G. BARR, and Co., Worcester.

ENCAUSTIC, VENETIAN, and other PATENT TILES and MOSAIC PAVEMENTS may be purchased at MINTON and Co.'s warehouse, 9, Albion-place, Surrey side of Blackfriars-bridge.—J. H. BLASHFIELD, Agent. The above tiles have lately been considerably reduced in price.

N.B. An assortment of plain and ornamental door furniture, slabs, and tiles for fire-places, &c.

TO BRICK AND TILE MAKERS.

THE AINSLIE PATENT TILE MACHINE COMPANY (James Smith, Esq., of Dennstone, Chairman,) invite attention to their improved Brick and Tile Machines, and to their new improved Patent Kilns for drying and burning Bricks and Tiles, by which a saving of from two-thirds to three-fourths of the fuel is effected, and all the articles are burnt equally without loss or damage. The Machines at work, and a model of the Kilns, to be seen, and all particulars to be obtained from Mr. JOHN PATON, secretary, 103d, Piccadilly, London.—Agents wanted.

PEAKE'S TERRO-METALLIC TILES, PIPES, &c., of 100 sorts and sizes.—The Public is respectfully informed, that Mr. PEAKE has removed his Depot from Whitefriars to No. 4 WHARF, MACCLESFIELD-STREET, South, City Basin, London, where a large Stock is on Sale of genuine Terro-Metallic Goods. No Agent. Roofing in Grecian and Italian styles, other devices also, or plain; ridges and hips, with plain or capped joints, roll tops, or vertical ornaments; paving, in 6 in., 7½ in., and 9 in. blue and red squares, in 6 in. blue and red hexagons, and in 9 in. blue octagons, with 3 in. drab squares. Drains, many sizes, with butt or socket joints; conduits, which will not injure pure water; tubular and other flues, of proper material; channels, large clinker bricks, and outdoor paving; sundry wall-coping, fire bricks and tiles, garden-edging, chimney-tops, &c. The Tileries, Tunstall, Staffordshire, are near the centre of England, whence boats are sent to any inland place, or to the Mersey, for the coasts, the colonies, and elsewhere. A Wharf at Whitefriars to be Let for a term.

LIGHTNING CONDUCTORS FOR BUILDINGS.

A. SMITH'S PATENT COPPER WIRE ROPE is being daily employed for the protection of CHURCHES and other buildings from the effects of thunder storms; it possesses important advantages over other forms of conductors. References can be given where it has been applied for some time past to CHURCHES, PUBLIC and PRIVATE BUILDINGS, &c., &c. Its general adoption in the Naval and Mercantile Marine of this and other countries is the strongest possible EVIDENCE of its EFFICIENCY, &c.

A. SMITH begs the attention of those engaged in building to his IMPROVED PATENT PANELLED AND REVOLVING IRON SHUTTERS,—Also, the Patent Weather-tight Fastening and Cill Bar, for French Casements, which are so much admired for their security, simplicity, cheapness, and efficiency. Of the merits of his

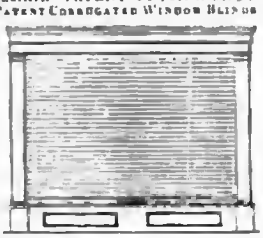
Patent Double and Single Action Door Springs,
Improved Flooring Cramps,
Patent Wire Sash Lines, &c. &c.,

Manufactory for Iron Suspension, Sliding, and other Doors, Strong Rooms, Pale and Ornamental Palisading, Gates, and Columns.—Also, Metal Sashes, Shop-fronts, Stall-board Plates, Brass butt, and other Hinges. Buildings heated upon a new, safe, and superior plan.

Estimates given for every description of Metal-work.

A. SMITH, 69, Princes-street, Leicester-square, London.

IMPROVED PATENT CONVEX IRON REVOLVING SAFETY SHUTTERS.—Patent Panelled Iron Safety Shutters. PATENT OUTSIDE SHUTTER BLINDS.—PATENT CORRUGATED WINDOW BLINDS



The attention of Architects, Builders, and Blind Makers is requested to the IMPORTANT PATENTED IMPROVEMENTS in the above enumerated Articles, and inspection invited, at the Manufactory of the Patentees, R. HOWARD & Co. 115, Old Street, London.

The great importance of strength and stiffness in the Laths of REVOLVING IRON SHUTTERS, when required for security, is so obvious, that it is only necessary to point out the fact, that the Patent Convex Laths are twelve times stronger than the ordinary flat Laths (as shewn by the engravings and description), to insure their general adoption.

The Patentees invite attention to their greatly improved Gearing for Raising and Lowering their patent Shutters, which, possessing all the advantages of the endless screw (worm and wheel), cannot, even by wear, be liable to run down, and entirely avoids the necessity of using the ratchet wheel; it is at once simple and THOROUGHLY EFFECTIVE, and is SAFER and MORE DURABLE than any plan yet adopted for that purpose, thus rendering their patent Revolving Shutters the SAFEST and MOST EFFICIENT in use. These Shutters are fixed horizontally (either above or below the window or door), or vertically, for which position the great additional strength of the Convex Laths renders them peculiarly suitable.

REVOLVING IRON SHUTTERS, MADE OF THE COMMON FLAT LATHS, at a considerable reduction of price.

CAUTION.—The Patentees beg to caution all persons against Making or Using FLAT or CONVEX LATHS for REVOLVING IRON SAFETY SHUTTERS (whether winding horizontally or vertically), so as to obtain increased strength and stiffness, as they thereby render themselves liable to legal proceedings for infringing this patent.

Engravings and Prospectuses will be forwarded on application.

DRAWN METALLIC SASH BARS, ASTRAGALS, MOULDINGS, STALL BOARD PLATES, &c.

Patentees and Manufacturers, R. HOWARD and Co., London.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS.

Manufactory, 96, Regent-street, and 151, Chancery-lane.

THE Patentee having fixed a great number of his shutters in London, and given universal satisfaction, can confidently recommend them both for security and durability, the edges being sheathed with Iron. Their construction is so simple that the largest establishment can be opened or closed with the greatest possible ease without the use of machinery. Their superiority over other revolving shutters consists in their great strength and stiffness, being without metal hinges, consequently cannot rust buckle, be strained, or get out of order, and are safer. Persons dissatisfied with the patent rising gear now used for iron shutters can have it removed, and the shutters made to draw up in any part of the premises with the slightest exertion, without machinery, thereby avoiding the unpleasant use of oil.

INJUNCTION.

BUNNETT and CORPE'S Patent REVOLVING IRON SHUTTERS.—Since the verdict found in favour of the Patentees, in the Court of Exchequer, in the action tried by order of the Court of Chancery, that Court has granted a perpetual Injunction for restraining all infringements of this Patent, and therefore all parties are hereby cautioned against infringing the same.

THE PRICES ARE GREATLY REDUCED, and BUNNETT AND CORPE'S PATENT IRON SHUTTERS ARE THE CHEAPEST AS WELL AS THE BEST. They are made with convex laths, if required. The worm and wheel motion for raising and lowering revolving iron shutters (as secured by this Patent) is the only safe and durable mode of effecting that object. In large shutters it is indispensable.

Some thousands of Bunnett and Corpe's Shutters have now been put up, without a single complaint of their want of strength or security; and nine years' practical experience (during which they have adopted every real improvement) enables the Patentees to challenge comparison with any others. They will guarantee all shutters put up by them to keep in order, and last twice as long as any with thin convex laths.

B. and C. also manufacture REVOLVING WOOD SHUTTERS (the Patent for which has expired), at the same prices as other makers, but greatly superior, being fitted with their patent raising gear, and proper metallic hinges, without which no shutter can be safe or durable.

BUNNETT and CORPE are likewise Patentees and Manufacturers of METALLIC SASH-BARS, MOULDINGS, &c., IN BRASS, COPPER, OR ZINC, FOR SHOP FRONTS, WINDOWS, SKYLIGHTS, AND VARIOUS OTHER PURPOSES.

Shop-fronts fitted with Iron Shutters, Patent Brass or Zinc Sashes, Plain or ornamental, handsomely Engraved, Moulded, Stall-board Plates, best Plate Glass, and Internal Brass Fittings of all kinds, superior in quality and workmanship, and lower in price than any other house.

Contracts taken in Town or Country.

Metal Drawing and Stamping for the Trade.

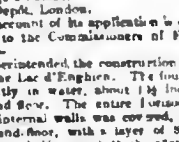
Office at No. 26, Lombard-street, London; Works, at Deptford, Kent.

Steam-engines, Sawing, Planing, and Moulding, Cutting machines on Improved Plans, especially adapted for Builders' purposes, may be seen in operation at the Works.

TO ARCHITECTS, BUILDERS, AND THE PUBLIC IN GENERAL.

GEORGE JENNINGS, of 29, GREAT CHARLOTTE STREET, BLACKFRIARS ROAD, begs to call the attention of Architects, Builders, &c., to his REGISTERED FASTENING for SHOP SHUTTERS, &c., which entirely supersedes the use of shutter-bars. Thereby effecting a great saving of labour, as by the old method, the bar has to pass through the hands of some one upwards of six hundred times in twelve months, which tends to deface the whole front more or less every time the bar is put up or removed. The fastening is secret, simple, and sure, in its action, and can be affixed to any shop-front in two hours, without any alteration to the shutters. New fronts fitted at a less expense than a shutter-bar would amount to. A liberal allowance to the trade, and any further information may be obtained by inclosing a postage stamp to the above address.—A Model may be seen at the office of "The Builder."

PAVING, 2s. 9d. PER SQUARE YARD. Basements, Foot walks, Malt-houses, Corn Stores, Floors of Warehouses, and every description of pavement laid down at the above low price, and the work guaranteed.—Apply to JOHN PILKINGTON, POLONCEAU'S BITUMEN PAVEMENT OFFICE, 13, WHARF ROAD, CITY-ROAD.—N.B. Country Agents and Railway Engineers and Contractors supplied with the best bitumen at 27s. 6d. per ton.



COMMISSIONERS OF FINE ARTS' REPORT ON THE MEANS OF PREVENTING DAMP IN WALLS.

THE DIRECTORS of the SEYSSEL ASPHALTE COMPANY have much pleasure in recommending to the notice of Architects, Builders, and others, the application of the ASPHALTE of SEYSSEL as the only effectual means of preventing DAMP rising in WALLS. J. FARRELL, Secretary.

Seyssel Asphalte Company's Works,
"Claridge's Patent,"
Stangate Depôt, London.

The following account of its application is extracted from "The Appendix to the Commissioners of Fine Arts' Report," page 18:—

"In 1839 I superintended the construction of a house of three stories on the Lac d'Enghien. The foundation of the house is constantly in water, about 1½ inches below the level of the ground floor. The entire horizontal surface of the external and internal walls was covered, at the level of the internal ground-floor, with a layer of SEYSSEL ASPHALTE, less than half an inch thick over which coarse sand was spread.

"Since the above date no trace of damp has shewn itself round the walls of the lower story, which are for the most part painted in oil of a gray stone colour. It is well known that the least moisture produces round spots, darker or lighter, on walls so painted, yet the pavement of the floor, resting on the soil itself, is only about 8½ inches above the external surface of the soil, and only 19½ at the utmost, above that of the sheet of water.

"The layer of Asphalte having been broken and removed, for the purpose of inserting the sills of two doors, spots indicating the presence of damp have been since remarked at the base of the door-posts."